

## **ABSTRACT**

A multiple layer food manufacturing apparatus comprises a combining nozzle, a right feeding device, a left feeding device, and a cutter. The outer layer food material is inputted to an outer layer channel from the right feeding device. The middle layer food material is inputted to an inner layer channel from the left feeding device. The inner layer food material is inputted to an inner tube of the combining nozzle so that the combining nozzle outputs the inner, middle and outer layer food material from a small, a middle and a outer outlet so form as a cylindrical food. The cylindrical food passes through a cutter to be cut as a ball-like food. In the processing process in the combining nozzle, the middle and outer layer food material are agitated effectively.